Index of Claims

| Applicat | tion | /Control | No. |
|----------|------|----------|-----|

10/528,054

Examiner

Ling-Siu Choi

KONISHI ET AL. Art Unit

1713

Reexamination

Applicant(s)/Patent under

(Through numeral) Rejected Cancelled Restricted Allowed

Non-Elected Ν

Interference

**Appeal** 0 Objected

|        |  | L                               |          |  |  |          | J           |              |  | Щ.              |
|--------|--|---------------------------------|----------|--|--|----------|-------------|--------------|--|-----------------|
|        |  | Data                            |          |  |  |          |             |              |  |                 |
| Cla    | 1  | Date                            |          |  |  |          |             |              |  |                 |
| Final  | Original   | 1/3/07                          |          |  |  |          |             |              |  |                 |
|        | 1  | 1                               | $\vdash$ |  | -  | 1        | -           | -            | H  | $\vdash$        |
|        | 2  |                                 |          | Г  |  |          |             | _            |  |                 |
|        | 3  | Ī                               |          | _  |  |          | $\vdash$    | ┪            | 1  |                 |
|        | 4  | Ī                               | $\vdash$ |  | Т  | $\vdash$ | ┢           | $\vdash$     | <b> </b>   |                 |
|        | 5  | V                               | $\vdash$ |  |  |          | t           |              | m  |                 |
|        | 6  | 1                               | $\vdash$ |  | -  |          | T           | _            |  | m               |
|        | 1<br>2<br>3<br>4<br>5<br>6<br>7  | 1                               | $\vdash$ | _  |  |          | Г           |              | Г  |                 |
|        | 8  | 1                               |          |  |  |          |             |              |  | П               |
|        | 8  | 1                               |          |  |  |          |             | Т            |  |                 |
|        | 10   | 0<br>1<br>1<br>1<br>1<br>1<br>1 |          |  |  |          | $\Box$      | Г            | Г  |                 |
|        | 11   | N                               |          | П  | Г  |          |             |              |  |                 |
|        | 12   | N                               |          | Г  | Г  |          |             |              | Γ  |                 |
| -      | 13   | N                               |          |  | Г  |          |             |              |  |                 |
|        | 14   | N                               |          |  |  |          |             |              |  |                 |
|        | 15   | N                               |          |  |  | П        |             | П            |  |                 |
|        | 16   | N                               |          |  |  |          |             |              |  |                 |
|        | 17   | N                               |          |  |  |          |             |              |  |                 |
|        | 18   | N                               |          |  |  |          |             |              |  |                 |
|        | 19   | Ν                               |          |  |  |          |             |              |  |                 |
|        | 20   |                                 |          |  |  |          |             |              |  |                 |
| i      | 21   |                                 |          |  |  |          |             |              |  |                 |
|        | 22   |                                 |          |  |  | _        | _           |              |  |                 |
|        | 23   |                                 |          | L  | 乚  | L        | 匚           |              | 乚  | Ш               |
|        | 24   |                                 |          | _  | _  | L        | _           |              | _  | Ш               |
|        | 25   |                                 |          | <u> </u>   | _  | L        |             |              |  | Ш               |
|        | 26   |                                 |          | <u> </u>   | <u> </u>   | _        | _           |              | _  | Щ               |
|        | 27   |                                 | _        | _  | <u> </u>   | _        | _           | _            | _  | Щ               |
|        | 28   | _                               | _        | <u> </u>   | L  | <u> </u> | _           | <u> </u>     | _  | Ш               |
|        | 29   |                                 |          | <u> </u>   | <u> </u>   | _        | _           |              | _  | Ш               |
|        | 30   |                                 |          | -  |  | _        |             |              | <u> </u>   |                 |
|        | 31   | _                               |          | _  |  | L        | <u> </u>    | _            | _  | Н               |
|        | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33 | _                               | _        | <del> </del> —                                   |  | <u> </u> | <u> </u>    |              | -  | $\vdash \vdash$ |
|        | 33   |                                 | _        | ├—   | -  | ├-       | ├           | <del> </del> | ├  | Н               |
|        | 34<br>35   | $\vdash$                        | -        | $\vdash$   |  | $\vdash$ | $\vdash$    | $\vdash$     | $\vdash$   | $\vdash$        |
|        | 35   | H                               |          |  |  |          | -           | -            | <del>                                     </del> | $\vdash \dashv$ |
|        | 36<br>37   | H                               |          | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$    | H            | $\vdash$   | $\vdash \vdash$ |
|        | 38   | $\vdash$                        |          | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$    | $\vdash$     | <del>  -</del>                                   | $\vdash$        |
|        | 38<br>39   |                                 |          | -  |  | $\vdash$ | $\vdash$    | $\vdash$     | $\vdash$   | Н               |
|        | 40   | $\vdash$                        | _        | ├─   | <del> </del>                                     |          | -           |              | -  | $\vdash \vdash$ |
|        | 41   | $\vdash$                        |          | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$    |              | $\vdash$   | dash            |
|        | 42   | -                               | -        | <del>                                     </del> | <del>                                     </del> |          | <del></del> | $\vdash$     | -  | H               |
|        | 43   | Н                               | _        |  | <del> </del>                                     |          |             | $\vdash$     | <del>                                     </del> | $\vdash \vdash$ |
| -      | 44   | $\vdash$                        |          | Н  |  | $\vdash$ |             |              | Н  | Н               |
|        | 45   | Н                               |          | _  | _  | _        |             | Н            |  | Н               |
|        | 46   | $\vdash$                        | _        | H  | _  |          |             | Т            | $\vdash$   | H               |
|        | 47   | Н                               | =        | _  |  |          |             |              |  | H               |
| $\neg$ | 48   | Н                               |          |  | Н  |          |             | Н            |  | H               |
| $\neg$ | 49   | Н                               |          | Н  |  |          |             |              |  | $\vdash$        |
|        | 50   | Н                               | _        |  |  | $\vdash$ | $\vdash$    | _            | H  | Н               |

| Cla  | aim      | Date         |  |  |              |          |  | _            |  |  |
|--|----------|--------------|--|--|--------------|----------|--|--------------|--|--|
|  |          |              |  |  |              |          |  |              |  |  |
| Final  | Original | :            |  |  |              |          |  |              |  |  |
|  | 51       |              |  |  |              |          |  |              |  |  |
| 1  | 52       |              |  |  |              |          | 1  |              |  |  |
|  | 53       | Г            |  | Г  |              |          | Γ  |              | Π  |  |
|  | 54       |              | 1  |  | Г            |          |  |              | Π  |  |
|  | 55       | Г            | $\vdash$   | -  | $\vdash$     | $\vdash$ | $\vdash$   | T            | $\vdash$   | $\vdash$   |
| -  | 56       | $\vdash$     | <del>                                     </del> | <del>                                     </del> | ┰            | _        | -  | $\vdash$     | $\vdash$   | <del>                                     </del> |
|  | 57       |              | H  | $\vdash$   | ┢            | 一        | -  | 1            | Н  | $\vdash$   |
| _  | 58       | -            | -  | 一  | H            | $\vdash$ | -  | $\vdash$     | $\vdash$   | _  |
| -  | 59       | ├            | $\vdash$   | ┢  | -            | -        | $\vdash$   | $\vdash$     | $\vdash$   | _  |
|  | 60       | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | -  | ┢            | $\vdash$   | $\vdash$   |
|  | 61       | $\vdash$     | ┝  | ├─   |              | ├        |  |              | $\vdash$   | -  |
|  | 62       | $\vdash$     | -  | -  | -            | -        | _  | -            | <del>                                     </del> | -  |
|  | 63       | <del> </del> | ╢  | $\vdash$   | -            | -        | <del>                                     </del> | <del> </del> | <del> </del>                                     | $\vdash$   |
| $\vdash$   | 64       | <del> </del> | $\vdash$   | $\vdash$   | $\vdash$     | <u> </u> |  | $\vdash$     | $\vdash$   | $\vdash$   |
| <b> </b>   | 65       | -            |  | <del> </del>                                     | -            | $\vdash$ | <del> </del>                                     | <del> </del> | <del>                                     </del> | -  |
| -  | 66       | ┝            | <del>                                     </del> | <del> </del>                                     | <del> </del> | -        | -  | ├            | ├  | -  |
| _  | 66<br>67 | ┢            | <u> </u>   | $\vdash$   | ⊢            | ⊢        | ┢  | ┢            | ┢  | ⊢  |
|  | 68       | $\vdash$     | -  | -  | -            | ⊢        | ├  | -            | -  | ├  |
| $\vdash$   | 00       | -            | _  | -  | -            | _        | _  | $\vdash$     | H  | ⊢  |
|  | 69<br>70 | -            | -  |  | -            |          |  | -            | _  | $\vdash$   |
| <u> </u>   | 70       |              | -  |  | -            |          | -  | ⊢            |  | $\vdash$   |
|  | 71       | -            | -  |  |              | -        | ├  |              |  |  |
| -  | 72<br>73 | <del> </del> | -  |  | _            | _        | <u> </u>   | -            |  | _  |
|  | 74       | $\vdash$     | ┝  | _  |              |          |  | ┝            |  |  |
| -  | 75       | $\vdash$     | ├  | -  | -            | ┝        |  |              | _  | ┢  |
| <b>—</b>   | 76       |              | $\vdash$   |  |              | ⊢        | <del> </del>                                     | -            | -  | -  |
| <u> </u>   | 77       |              |  | -  | -            | ⊢        | <del> </del>                                     | -            | _  | -  |
| -  | 78       |              | ┝  | -  | -            | -        | ├  | ┝            | _  | -  |
| $\vdash$   | 79       |              | $\vdash$   |  | -            | -        | ├  |              | ├  |  |
| -  | 80       | _            | $\vdash$   | _  |              | -        | ├  | -            | $\vdash$   |  |
| <del>                                     </del> | 81       |              | $\vdash$   | ┝  | ┝            | -        | ┝  |              | -  | $\vdash$   |
|  | 82       |              | -  | -  |              | ├─       | <del> </del>                                     | $\vdash$     | $\vdash$   | $\vdash$   |
| <del></del>                                      | 83       | -            | -  | <del> </del>                                     | $\vdash$     | $\vdash$ |  | -            | $\vdash$   | $\vdash$   |
| $\vdash$   | . 84     | $\vdash$     | $\vdash$   | -  | -            | -        | -  | <del> </del> | $\vdash$   | -  |
| -  | 85       | -            |  | $\vdash$   | -            | $\vdash$ | $\vdash$   | -            | $\vdash$   | $\vdash$   |
| $\vdash$   | 86       | _            | $\vdash$   | $\vdash$   |              | -        | -  | -            | <del> </del>                                     | $\vdash$   |
| -  | 87       |              | <u> </u>   | $\vdash$   |              | $\vdash$ | -  | -            | $\vdash$   | $\vdash$   |
|  | 88       | _            | $\vdash$   | $\vdash$   | -            | -        | -  | -            |  | -  |
|  | 89       | -            |  | $\vdash$   | $\vdash$     | $\vdash$ |  |              | $\vdash$   | $\vdash$   |
|  | 90       | -            | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | -  | -            |  | $\vdash$   |
|  | 91       |              | H  |  | $\vdash$     |          |  | -            | $\vdash$   | $\vdash$   |
|  | 92       |              | _  | -  | -            | $\vdash$ |  | <u> </u>     | $\vdash$   | $\vdash$   |
|  | 93       |              |  |  | $\vdash$     |          | Н  |              | $\vdash$   | -  |
|  | 94       |              |  |  | _            | $\vdash$ |  |              | _  |  |
|  | 95       |              |  |  | _            | _        |  |              | -  |  |
|  | 96       |              |  |  |              |          | П  |              | П  |  |
|  | 97       |              |  |  |              |          |  | Т            | Т  |  |
|  | 98       |              |  |  |              | $\vdash$ | $\Box$   | П            | _  | _  |
|  | 99       |              | _  |  |              |          |  |              |  | _  |
|  | 100      |              |  |  |              |          |  |              |  |  |

| Cla   | aim   | Date     |               |   |          |  |          |          |               |          |
|-------|---|----------|---------------|---|----------|--|----------|----------|---------------|----------|
| i .   | ı   |          |               |   |          |  |          |          |               |          |
| Final | Original  |          |               |   |          |  |          |          |               |          |
|       | 101   |          | Г             |   |          |  |          |          | Г             |          |
|       | 102   |          | Г             | П |          |  | Г        |          |               |          |
|       | 103<br>104<br>105   |          |               | Π | Г        |  | Г        | Г        |               |          |
|       | 104   |          |               |   |          |  |          | Г        |               |          |
|       | 105   | Г        | Τ             | Г |          |  | Γ        | Г        |               |          |
|       | 106   |          |               |   |          |  |          |          |               |          |
|       | 106<br>107  |          |               |   |          |  |          |          |               |          |
|       | 108   |          |               |   |          |  |          |          |               |          |
|       | 109<br>110<br>111<br>112<br>113<br>114<br>115<br>116                      |          |               |   |          |  | П        |          |               |          |
|       | 110   |          |               |   |          |  |          |          |               |          |
|       | 111   |          |               |   |          |  |          |          |               |          |
|       | 112   |          |               |   |          |  |          |          |               |          |
|       | 113   | Г        |               | Π |          | Г  |          |          |               |          |
|       | 114   |          | П             |   |          |  |          |          |               |          |
|       | 115   |          |               | Г |          | П  |          | Г        |               |          |
|       | 116   | Π        |               | Г |          |  | Г        |          |               |          |
|       | 117   | Γ        | Г             | Π |          |  | Г        | Г        |               |          |
|       | 117<br>118  |          |               | Г |          |  |          | Г        |               |          |
|       | 119   |          |               |   |          |  | Г        |          |               |          |
|       | 120   |          | П             | Г |          |  |          | Г        |               |          |
|       | 121   |          |               |   |          | Π  |          |          |               |          |
|       | 122   |          |               |   |          |  |          |          |               |          |
|       | 123   |          |               | П |          |  |          |          |               |          |
|       | 124   |          | _             |   | $\vdash$ | Γ  |          |          | $\vdash$      |          |
|       | 125   | Г        |               | Г | Γ        | $\Box$   |          |          | l             |          |
|       | 126   |          | · · · ·       |   |          |  |          |          | $\vdash$      |          |
|       | 127   |          |               |   |          |  |          | $\Box$   | Γ             |          |
|       | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 | Г        |               |   |          |  |          |          |               |          |
|       | 129   |          |               | 1 |          | Г  |          |          |               |          |
|       | 130   |          |               |   |          | Г  | _        |          |               |          |
|       | 131   |          | $\vdash$      | T |          | <del>                                     </del> |          |          |               |          |
|       | 132   | <u> </u> |               | Г |          |  |          |          | $\Box$        |          |
|       | 131<br>132<br>133   |          |               |   |          |  | Г        |          |               |          |
|       | 134   |          |               |   |          | $\vdash$   | $\vdash$ | Т        | П             | П        |
|       | 134<br>135<br>136<br>137  | $\vdash$ | $\vdash$      | Т | Г        | Г  |          | _        |               | $\vdash$ |
|       | 136   |          | Г             | Г | П        | <u> </u>   | $\vdash$ |          |               |          |
|       | 137   |          |               | Г |          | Т  |          |          | $\vdash$      |          |
|       | 138   |          |               | Г |          |  | <u> </u> | $\Box$   | П             | Н        |
|       | 139   |          |               |   |          |  |          |          | _             |          |
|       | 139<br>140  |          | _             |   |          |  |          |          |               |          |
|       | 141   |          |               |   |          |  |          |          |               |          |
|       | 142   |          | _             |   |          |  | $\vdash$ |          |               | Н        |
|       | 143   | Г        |               | Г |          |  |          |          |               |          |
|       | 144   |          | Г             | Г |          | Г  | Г        |          | Т             | П        |
|       | 145   |          |               | Г |          |  |          |          | П             | $\Box$   |
|       | 146   | П        | Г             |   |          | П  | Г        |          |               | П        |
|       | 147   | ·        |               |   |          |  |          |          | П             | П        |
|       | 148   | $\Box$   | $\Box$        |   |          | П  | Т        |          |               | П        |
|       | 149   |          | $\overline{}$ |   |          |  |          | $\Box$   |               | Н        |
|       | 150   |          |               |   |          |  | $\Box$   | $\vdash$ | $\overline{}$ | М        |
|       |   |          |               |   |          | $\overline{}$                                    | _        |          |               |          |